

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/04357

A. CLASSIFICATION OF SUBJECT MATTER
Int.Cl⁷ H05G1/32

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ H05G1/00-1/70, A61B6/00-6/14

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

| | | | |
|---------------------------|-----------|----------------------------|-----------|
| Jitsuyo Shinan Koho | 1922-1996 | Toroku Jitsuyo Shinan Koho | 1994-2003 |
| Kokai Jitsuyo Shinan Koho | 1971-2003 | Jitsuyo Shinan Toroku Koho | 1996-2003 |

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| Y A | JP 6-318500 A (Toshiba Corp.), 15 November, 1994 (15.11.94), Full text; Figs. 1 to 10 Full text; Figs. 1 to 10 & DE 69419454 C & EP 624052 A1 | 1-12, 14-17 13, 18 |
| Y A | JP 2-5398 A (Shimadzu Corp.), 10 January, 1990 (10.01.90), Full text; Figs. 1 to 5 Full text; Figs. 1 to 5 (Family: none) | 1-12, 14-17 13, 18 |

☒ Further documents are listed in the continuation of Box C.☐ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

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"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

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"&" document member of the same patent family

Date of the actual completion of the international search
01 May, 2003 (01.05.03)Date of mailing of the international search report
20 May, 2003 (20.05.03)Name and mailing address of the ISA/
Japanese Patent Office

Authorized officer

Facsimile No.

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| | Microfilm of the specification and drawings annexed to the request of Japanese Utility Model Application No. 190022/1986 (Laid-open No. 95200/1988) (Asahi Roentgen Ind. Co., Ltd.), 20 June, 1988 (20.06.88), | |
| Y | Full text; Figs. 1 to 2 | 1-12, 14-17 |
| A | Full text; Figs. 1 to 2 (Family: none) | 13, 18 |
| A | JP 2000-252094 A (Hitachi Medical Corp.), 14 September, 2000 (14.09.00), Full text; Figs. 1 to 5 (Family: none) | 1-18 |
| A | JP 6-13195 A (Shimadzu Corp.), 21 January, 1994 (21.01.94), Full text; Figs. 1 to 4 (Family: none) | 4, 8, 12, 17 |
| A | JP 4-87299 A (Shimadzu Corp.), 19 March, 1992 (19.03.92), Full text; Figs. 1 to 3 (Family: none) | 4, 8, 12, 17 |
| A | JP 61-218100 A (Toshiba Corp.), 27 September, 1986 (27.09.86), Full text; Figs. 1 to 13 (Family: none) | 4, 8, 12, 17 |